



PATENT
Case Docket No. OASBIO.001C1
Date: May 13, 2003

1635
Box Seq

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Brown and Riley
Appl. No. : 09/931,732
Filed : August 16, 2001
For : ANTISENSE
OLIGONUCLEOTIDES
COMPRISING UNIVERSAL
AND/OR DEGENERATE
BASES
Examiner : Janet L. Epps-Ford, Ph.D.
Group Art Unit : 1635

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 13, 2003

(Date)

Eric S. Furman, Ph.D., Reg. No. 45,664

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TRANSMITTAL LETTER

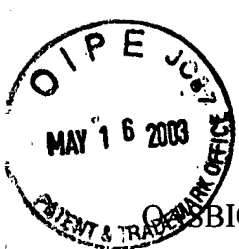
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) Response to Office Action and Preliminary Amendment in three (3) pages.
- (X) 5 pages of drawings.
- (X) Sequence Listing in twenty-three (23) pages.
- (X) Sequence Listing in computer readable form.
- (X) Sequence Submission Statement.
- (X) The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Eric S. Furman, Ph.D.
Registration No. 45,664
Attorney of Record
Customer No. 20,995
(619) 235-8550



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RESPONSE TO OFFICE ACTION AND
PRELIMINARY AMENDMENT

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures mailed February 14, 2003, please consider the following amendments and remarks.